

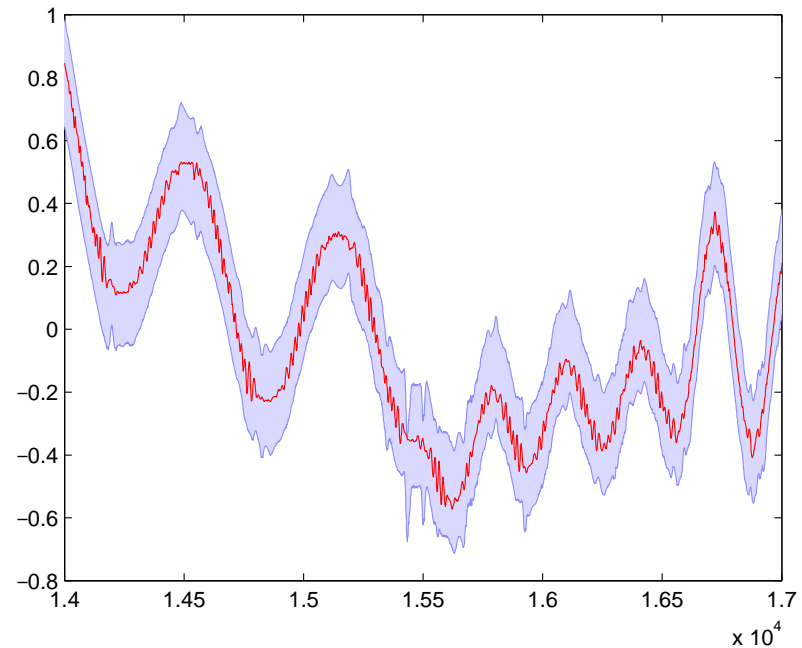
System Identification for Torque Control

Problem:

$$\tau = f(q, \dot{q}, v)$$

Goal:

$$\text{find } f(\circ)$$



Method	MAE	MSE	RMSE
GP without q	0.5825	0.6361	0.7975
GP with q	0.2571	0.3127	0.5592
Symmetric with viscous and Coulomb friction	0.8163	1.3721	1.1714
Asymmetric with viscous and Coulomb friction	0.7307	1.2091	1.0996
Asymmetric + GP	0.6834	1.1225	1.0595
Asymmetric + GP with q	0.3111	0.3467	0.5888